1653

#17

1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/380,738A

DATE: 11/28/2001
TIME: 13:16:50

Input Set : **A:\Reynolds.txt**
Output Set: **N:\CRF3\11212001\I380738A.raw**

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 3 <110> APPLICANT: REYNOLDS, Eric
 5 <120> TITLE OF INVENTION: CALCIUM PHOSPHOPEPTIDE COMPLEXES
 7 <130> FILE REFERENCE: 040268/0161
 9 <140> CURRENT APPLICATION NUMBER: US 09/380,738A
10 <141> CURRENT FILING DATE: 1999-12-06
12 <150> PRIOR APPLICATION NUMBER: PCT/AU98/00160
13 <151> PRIOR FILING DATE: 1998-03-13
15 <150> PRIOR APPLICATION NUMBER: AU PO5662
16 <151> PRIOR FILING DATE: 1998-03-13
18 <160> NUMBER OF SEQ ID NOS: 23
20 <170> SOFTWARE: PatentIn version 3.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 21
24 <212> TYPE: PRT
25 <213> ORGANISM: Bos sp.
27 <220> FEATURE:
28 <221> NAME/KEY: misc_feature
29 <222> LOCATION: (6)..(6)
30 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
33 <220> FEATURE:
34 <221> NAME/KEY: misc_feature
35 <222> LOCATION: (8)..(8)
36 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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41 <222> LOCATION: (9)..(9)
42 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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46 <221> NAME/KEY: misc_feature
47 <222> LOCATION: (10)..(10)
48 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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52 <221> NAME/KEY: misc_feature
53 <222> LOCATION: (17)..(17)
54 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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59 Gln Met Glu Ala Glu Xaa Ile Xaa Xaa Xaa Glu Glu Ile Val Pro Asn
60 1               5                   10              15
62 Xaa Val Glu Gln Lys
63               20
65 <210> SEQ ID NO: 2
66 <211> LENGTH: 25
67 <212> TYPE: PRT
68 <213> ORGANISM: Bos sp.
70 <220> FEATURE:
71 <221> NAME/KEY: misc_feature
72 <222> LOCATION: (15)..(15)
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W--> 59
W--> 62

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RAW SEQUENCE LISTING
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Input Set : A:\Reynolds.txt
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 73 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
 76 <220> FEATURE:
 77 <221> NAME/KEY: misc_feature
 78 <222> LOCATION: (17)..(17)
 79 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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 83 <221> NAME/KEY: misc_feature
 84 <222> LOCATION: (18)..(18)
 85 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
 88 <220> FEATURE:
 89 <221> NAME/KEY: misc_feature
 90 <222> LOCATION: (19)..(19)
 91 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
 94 <400> SEQUENCE: 2
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W--> 96 Arg Glu Leu Glu Glu Leu Asn Val Pro Gly Glu Ile Val Glu Xaa Leu
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 97 1               5                   10                  15
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W--> 99 Xaa Xaa Xaa Glu Glu Ser Ile Thr Arg
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100             20                  25
102 <210> SEQ ID NO: 3
103 <211> LENGTH: 25
104 <212> TYPE: PRT
105 <213> ORGANISM: Bos sp.
107 <220> FEATURE:
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109 <222> LOCATION: (11)..(11)
110 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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114 <221> NAME/KEY: misc_feature
115 <222> LOCATION: (12)..(12)
116 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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121 <222> LOCATION: (13)..(13)
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126 <221> NAME/KEY: misc_feature
127 <222> LOCATION: (16)..(16)
128 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
131 <400> SEQUENCE: 3
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W--> 133 Asn Ala Asn Glu Glu Glu Tyr Ser Ile Gly Xaa Xaa Xaa Glu Glu Xaa
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134 1               5                   10                  15
136 Ala Glu Val Ala Thr Glu Glu Val Lys
137             20                  25
139 <210> SEQ ID NO: 4
140 <211> LENGTH: 21
141 <212> TYPE: PRT
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144 <220> FEATURE:
145 <221> NAME/KEY: misc_feature
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146 <222> LOCATION: (8)..(8)
147 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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152 <222> LOCATION: (9)..(9)
153 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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157 <221> NAME/KEY: misc_feature
158 <222> LOCATION: (10)..(10)
159 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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163 <221> NAME/KEY: misc_feature
164 <222> LOCATION: (16)..(16)
165 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
168 <400> SEQUENCE: 4
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173 Gln Glu Thr Tyr Lys
174               20
176 <210> SEQ ID NO: 5
177 <211> LENGTH: 5
178 <212> TYPE: PRT
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182 <221> NAME/KEY: misc_feature
183 <222> LOCATION: ()..()
184 <223> OTHER INFORMATION: Synthetic peptide
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188 <221> NAME/KEY: misc_feature
189 <222> LOCATION: (1)..(1)
190 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
193 <220> FEATURE:
194 <221> NAME/KEY: misc_feature
195 <222> LOCATION: (2)..(2)
196 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
199 <220> FEATURE:
200 <221> NAME/KEY: misc_feature
201 <222> LOCATION: (3)..(3)
202 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
205 <400> SEQUENCE: 5
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W--> 207 Xaa Xaa Xaa Glu Glu
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208 1               5
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211 <211> LENGTH: 8
212 <212> TYPE: PRT
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C--> 213 <213> ORGANISM: Artificial
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215 <220> FEATURE:
216 <221> NAME/KEY: misc_feature
217 <222> LOCATION: ()..()
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Input Set : A:\Reynolds.txt
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221 <220> FEATURE:
222 <221> NAME/KEY: misc_feature
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229 <222> LOCATION: (4)..(4)
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236 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
239 <220> FEATURE:
240 <221> NAME/KEY: misc_feature
241 <222> LOCATION: (6)..(6)
242 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
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252 <212> TYPE: PRT
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255 <220> FEATURE:
256 <221> NAME/KEY: misc_feature
257 <222> LOCATION: ()..()
258 <223> OTHER INFORMATION: Synthetic peptide
261 <400> SEQUENCE: 7
263 Gln Met Glu Ala Glu
264 1             5
266 <210> SEQ ID NO: 8
267 <211> LENGTH: 8
268 <212> TYPE: PRT
C--> 269 <213> ORGANISM: Artificial
271 <220> FEATURE:
272 <221> NAME/KEY: misc_feature
273 <222> LOCATION: ()..()
274 <223> OTHER INFORMATION: Synthetic peptide
277 <220> FEATURE:
278 <221> NAME/KEY: misc_feature
279 <222> LOCATION: (5)..(5)
280 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
283 <400> SEQUENCE: 8
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286 1                   5
288 <210> SEQ ID NO: 9
289 <211> LENGTH: 5
290 <212> TYPE: PRT
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/380,738A

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Input Set : A:\Reynolds.txt
Output Set: N:\CRF3\11212001\I380738A.raw

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    293 <220> FEATURE:
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    295 <222> LOCATION: ()..()
    296 <223> OTHER INFORMATION: Synthetic peptide
    299 <220> FEATURE:
    300 <221> NAME/KEY: misc_feature
    301 <222> LOCATION: (2)..(2)
    302 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
    305 <220> FEATURE:
    306 <221> NAME/KEY: misc_feature
    307 <222> LOCATION: (3)..(3)
    308 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
    311 <400> SEQUENCE: 9
W--> 313 Ser Xaa Xaa Glu Glu
    314 1               5
    316 <210> SEQ ID NO: 10
    317 <211> LENGTH: 5
    318 <212> TYPE: PRT
C--> 319 <213> ORGANISM: Artificial
    321 <220> FEATURE:
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    323 <222> LOCATION: ()..()
    324 <223> OTHER INFORMATION: Synthetic peptide
    327 <220> FEATURE:
    328 <221> NAME/KEY: misc_feature
    329 <222> LOCATION: (2)..(2)
    330 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
    333 <220> FEATURE:
    334 <221> NAME/KEY: misc_feature
    335 <222> LOCATION: (3)..(3)
    336 <223> OTHER INFORMATION: Xaa is a phosphorylated Serine
    339 <400> SEQUENCE: 10
W--> 341 Glu Xaa Xaa Glu Glu
    342 1               5
    344 <210> SEQ ID NO: 11
    345 <211> LENGTH: 5
    346 <212> TYPE: PRT
C--> 347 <213> ORGANISM: Artificial
    349 <220> FEATURE:
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    351 <222> LOCATION: ()..()
    352 <223> OTHER INFORMATION: Synthetic peptide
    355 <220> FEATURE:
    356 <221> NAME/KEY: misc_feature
    357 <222> LOCATION: (2)..(2)
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    361 <220> FEATURE:
    362 <221> NAME/KEY: misc_feature
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11/28/01

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/380,738A

DATE: 11/28/2001
TIME: 13:16:51

Input Set : A:\Reynolds.txt
Output Set: N:\CRF3\11212001\I380738A.raw

L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
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L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:179 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:213 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:253 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:269 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:291 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:319 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:347 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:375 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:409 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:437 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:459 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:481 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
L:497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:503 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
L:525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:531 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:565 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
L:599 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:605 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20
L:639 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:645 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21
L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:673 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22
L:695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:701 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23
L:723 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23